

AMENDMENTS TO THE CLAIMS

Claim 1 (Original): A system for testing a Web application comprising:

a Web scenario template specifying a sequence of Web application operations and associated operational parameters, each said operation having an association with an identifiable state of the Web application; and,

a server-side load driving mechanism configured to select individual ones of said operations and associated operational parameters in said Web scenario template based upon an identified state of the Web application, said server-side load driving mechanism being further configured to dispatch operations in the Web application which correspond to said selected ones of said operations and associated operational parameters.

Claim 2 (Currently Amended): A Web application testing method comprising the steps of:

identifying session data in an intercepted network message and retrieving state information for said session in the Web application ;

selecting an operation and associated operational parameters from a Web scenario template based upon said retrieved state information; and,

invoking said operation in the Web application as selected from said Web scenario template in lieu of invoking an operation in the Web application based upon said intercepted network message.

Claim 3 (Previously Amended): The method of claim 2, further comprising the steps of:

intercepting a network response to said invoked operations;

retrieving new state information for the Web application corresponding to said session in the Web application; and,

repeating said selecting and invoking steps for said new state information regardless of said network response.

Claim 4 (Currently Amended): The method of claim 2, further comprising the step of intercepting a hypertext transfer protocol (HTTP) formatted network message in a load driving servlet communicatively linked to the Web application and remotely positioned from a client transmitting said HTTP formatted network message.

Claim 5 (Original): The method of claim 2, wherein said invoking step comprises the step of executing a dispatch-include servlet operation based upon said selected operation and associated operational parameters.

Claim 6 (Original): The method of claim 3, further comprising the step of logging application performance data during the Web application testing.

Claim 7 (Original): The method of claim 2, wherein said selecting comprises the steps of:  
selecting one of a set of Web scenario templates; and,  
further selecting from within said selected Web scenario template, an operation and associated operational parameters based upon said retrieved state information.

Claim 8 (Original): The method of claim 7, wherein said step of selecting one of a set of Web scenario templates comprises the steps of:

establishing a mixing percentage for each one of said Web scenario templates, said mixing percentage specifying a frequency for which said Web scenario template will be selected; and,

selecting said one of said set of Web scenario templates according to said established mixing percentage for said one of said set of Web scenario templates.

Claim 9 (Currently Amended): A machine readable storage having stored thereon a computer program for Web application testing, said computer program comprising a routine set of instructions which when executed by the machine cause the machine to perform the steps of:

identifying session data in an intercepted network message and retrieving state information for said session in the Web application ;

selecting an operation and associated operational parameters from a Web scenario template based upon said retrieved state information; and,

invoking said operation in the Web application as selected from said Web scenario template in lieu of invoking an operation in the Web application based upon said intercepted network message.

Claim 10 (Previously Amended): The machine readable storage of claim 9, further comprising the steps of:

intercepting a network response to said invoked operations;

retrieving new state information for the Web application corresponding to said session in the Web application; and,

repeating said selecting and invoking steps for said new state information regardless of said network response.

Claim 11 (Currently Amended): The machine readable storage of claim 9, further comprising the step of intercepting a hypertext transfer protocol (HTTP) formatted network message in a load driving servlet communicatively linked to the Web application and remotely positioned from a client transmitting said HTTP formatted network message.

Claim 12 (Previously Amended): The machine readable storage of claim 9, wherein said invoking step comprises the step of executing a dispatch-include servlet operation based upon said selected operation and associated operational parameters.

Claim 13 (Original): The machine readable storage of claim 10, further comprising the step of logging application performance data during the Web application testing.

Claim 14 (Original): The machine readable storage of claim 9, wherein said selecting comprises the steps of:

selecting one of a set of Web scenario templates; and,

further selecting from within said selected Web scenario template, an operation and associated operational parameters based upon said retrieved state information.

Claim 15 (Original): The machine readable storage of claim 14, wherein said step of selecting one of a set of Web scenario templates comprises the steps of:

establishing a mixing percentage for each one of said Web scenario templates, said mixing percentage specifying a frequency for which said Web scenario template will be selected;  
and,

selecting said one of said set of Web scenario templates according to said established mixing percentage for said one of said set of Web scenario templates.